

## MAIN INSTALLATION CHECKLIST

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator:</b> PEOPLES GAS LIGHT AND COKE CO.	Operator ID#: 15329
<b>Inspection Date(s):</b> 11/5/2014, 11/6/2014, 11/7/2014	Man Days: 3
<b>Inspection Unit:</b> North Shop	
<b>Location of Audit:</b> Chicago	
<b>Exit Meeting Contact:</b> Ted Lenart	
<b>Inspection Type:</b> Design Testing and Construction	
<b>Pipeline Safety Representative(s):</b> Steve Canestrini	
<b>Company Representative to Receive Report:</b> Tom Webb	
<b>Company Representative's Email Address:</b> TJWebb@peoplesgasdelivery.com	

CONSTRUCTION INFORMATION		
<b>Location of Construction:</b> 6100 block of Bernice	<b>Construction Performed By:</b> Michels Construction	
<b>Contractor Foreman:</b>		
<b>Operator Inspector:</b>		
Person(s) On Job Site		
Jeff Hampson	Joe Fogel	James Dietrich
Essa Maali	Harold Cunningham	Phil Reiltz
Dave Linze	Jerrad Ponce	
<b>Description of Construction:</b> Michels construction installing a 2" PE main via directional boring		

MAIN INSTALLATION		Status
[192.55]	Steel	No
[192.59]	PE	Yes
[192.59]	Other	No
[192.5]	Class location :	4
[192.619,192.621,192.623]	MAOP	25 PSIG
[192.63]	Pipe Size :	2"
[192.55,192.59]	Specification :	PE 2406/2708

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[192.55,192.59]	Manufacturer :	<b>DriscoPlex</b>
[192.55,192.59]	Pipe Grade :	<b>D2513</b>
[192.55,192.59]	Wall Thickness :	<b>0.375"</b>
[192.63(a)(2)]	Are pipe, valves, and fittings properly marked for identification?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All pipe observed were properly marked.</i>		
[192.227]	Date of Welder qualification:	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>PE main installation.</i>		
[192.227]	Welder's Name:	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>PE main installation.</i>		
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Observed the fusion operator perform a butt fusion on a 2" PE main. The operator followed the proper alignment, cleaning, fusing, and cool down procedures.</i>		
[192.285]	Date of Plastic Joining Qualification :	<b>6/12/14</b>
[192.285]	Joiner's name:	<b>Phil Reiltz</b>
[192.455]	Is buried metallic pipe coated?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>PE main installation.</i>		
[192.461]	Does coating meet 192.461?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>PE main installation.</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>PE main installation.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	<b>No</b>
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	<b>No</b>
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>PE main installation.</i>		

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[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Not Applicable
<b><u>General Comment:</u></b> <i>PE main installation.</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	Not Applicable
<b><u>General Comment:</u></b> <i>All piping was installed below grade</i>		
[192.303]	Are comprehensive written construction specifications available and adhered to?	Satisfactory
<b><u>General Comment:</u></b> <i>Construction specifications were on site, and available.</i>		
[192.305]	Are inspections performed by the operator to check adherence to the construction specifications?	Satisfactory
<b><u>General Comment:</u></b> <i>A contract locator was on site to observe that the specifications were being followed</i>		
[192.307]	Is material being visually inspected at the site of installation to ensure against damage that could impair its serviceability?	Satisfactory
<b><u>General Comment:</u></b> <i>The pipe was observed prior to installing in the ditch. It could also be observed thru each opening where it crossed other facilities.</i>		
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Satisfactory
<b><u>General Comment:</u></b> <i>The main was installed via directional boring.</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	Satisfactory
<b><u>General Comment:</u></b> <i>The main was installed via directional boring. Did not observe signs of stress being applied against the pipe.</i>		
[192.321(e)]	Does plastic pipe have means of locating while underground?	Satisfactory
<b><u>General Comment:</u></b> <i>A tracer wire was installed with the main. It was also checked for continuity once installed.</i>		
[192.325]	Are required clearances from underground structures being maintained?	Satisfactory
<b><u>General Comment:</u></b> <i>Observed excavation openings where the pipe crossed other facilities. Required clearances were maintained.</i>		

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[192.327]	Is required cover being obtained appropriate to type of pipeline and location?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The main was approximately 38" in depth</i>		
[192.503]	Are general testing requirements being met?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>The pressure test was not being performed at this time.</i>		
[192.517]	Are records being made of strength and leak tests?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>The pressure test was not being performed at this time.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Reviewed the OQ records of the employees on the job site. All were qualified in the tasks assigned to them.</i>		
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>All employees were qualified in the tasks assigned.</i>		
[192.805(c)]	Were span of control limitations being followed?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>All employees were qualified in the tasks assigned.</i>		
Was a Protocol 9 (Form 15) Completed?		<b>No</b>
[192.614]	Were One Call Notifications performed as required?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Reviewed the dig and permit for the job. Both were valid for the dates and locations of the excavation.</i>		
[192.614]	Dig Ticket #	<b>477244025</b>
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Fire extinguishers were present near locations of the construction or working equipment. In addition, warning signs were placed near the construction area.</i>		
[192.719(b)]	Was each repair made by welding to a transmission line made in accordance with 192.713, 192.715, and 192.717 and examined in accordance with 192.241?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		

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PE main installation

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